

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24190	alternating and exhaust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:19
L2	123	alternating exhaust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:20
L3	12063	(shifting or shiftable or reciprocating or alternating) valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:30
L4	323	L1 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:44
L5	16520	valve (projection or plug)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:23
L6	102	L1 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:25
L7	71880	alternating and (exhaust or outlet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:26
L9	576	L7 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:26

## EAST Search History

L10	253	L9 not L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:27
L11	210	(inner exhaust) and (outer exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:47
L12	2	L11 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:28
L13	3197	plug (outlet or exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 12:05
L14	25	L13 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:31
L15	140320	(ends or tips or projections) (plug or valve or interrupt or (seal off) or (close off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:46
L16	4475	L3 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 11:46
L18	21081	plug near3 (outlet or exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 12:05

## EAST Search History

L19	13618	plug near2 (outlet or exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 12:05
L20	6345	plug near1 (outlet or exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 12:05
L21	34	L3 and L20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 12:06